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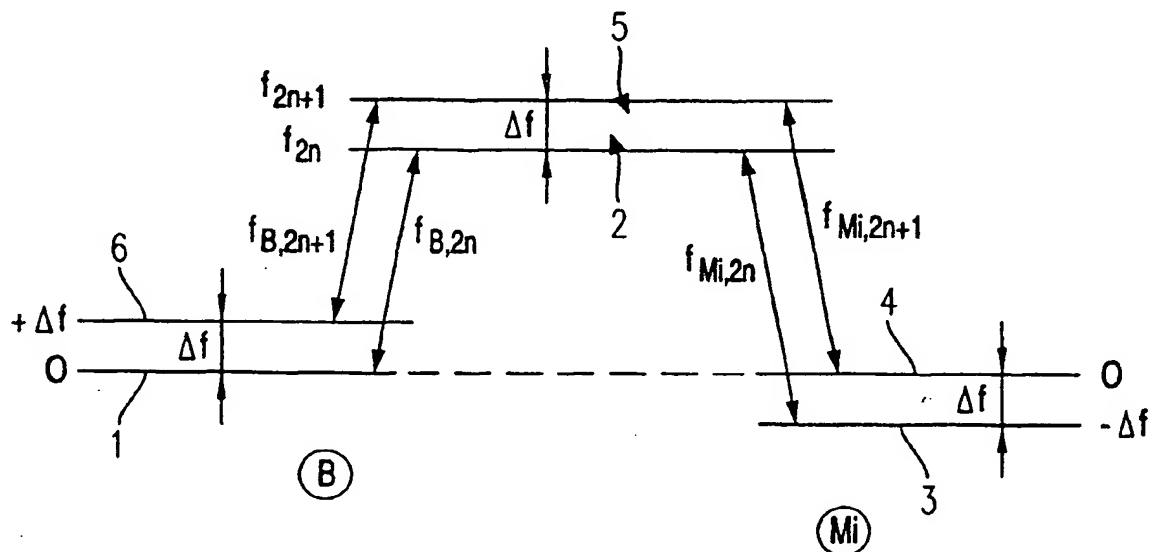
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- (51) Internationale Patentklassifikation⁷: H04B 1/713 (72) Erfinder; und
(21) Internationales Aktenzeichen: PCT/DE01/04961 (75) Erfinder/Anmelder (nur für US): BOETZEL, Ulrich [DE/DE]; Gernsentr. 37, 41564 Kaarst (DE). NEUBAUER, Andre [DE/DE]; Marienstr. 32, 47807 Krefeld (DE). KRANZ, Christian [DE/DE]; Ina-Seidel-Str. 111, 40885 Ratingen Lintorf (DE).
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[Fortsetzung auf der nächsten Seite]

(54) Title: FREQUENCY SCHEMA FOR DATA TRANSMISSION SYSTEMS

(54) Bezeichnung: FREQUENZSCHEMA FÜR DATENÜBERTRAGUNGSSYSTEME



(57) Abstract: The invention relates to a data transmission system comprising at least two stations (B, Mi) between which data bursts are exchanged via radio. A frequency hop is provided between the first channel mid-frequency (f_{2n}) which is used for the transmission and the second channel mid-frequency (f_{2n+1}) which is used for the feedback transmission, the height of said frequency hop corresponding to the intermediate frequency (Δf). The local oscillators must not be tuned to new frequencies between the transmission and the feedback transmission.

(57) Zusammenfassung: Die Erfindung betrifft ein Datenübertragungssystem mit mindestens zwei Stationen (B, Mi), zwischen denen Datenbursts über Funk ausgetauscht werden. Zwischen der für die Hinübertragung verwendeten ersten Kanalmittenfrequenz (f_{2n}) und der für die Rückübertragung verwendeten zweiten Kanalmittenfrequenz (f_{2n+1}) ist ein Frequenzsprung vorgesehen, dessen Höhe der Zwischenfrequenz (Δf) entspricht. Dadurch müssen die lokalen Oszillatoren zwischen der Hinübertragung und der Rückübertragung nicht auf neue Frequenzen eingeschwenkt werden.

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Recherchenberichts:

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Zur Erklärung der Zweibuchstaben-Codes und der anderen Abkürzungen wird auf die Erklärungen ("Guidance Notes on Codes and Abbreviations") am Anfang jeder regulären Ausgabe der PCT-Gazette verwiesen.

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Applic. # _____

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/DE 01/04961

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B1/713

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 017, no. 183 (E-1348), 9 April 1993 (1993-04-09) & JP 04 334222 A (JAPAN RADIO CO LTD), 20 November 1992 (1992-11-20)	1-4, 11-18
A	abstract	5,6,8, 10,19,20
A	US 5 887 023 A (MABUCHI TETSUO) 23 March 1999 (1999-03-23) column 1, line 14 -column 3, line 48; figures 1,2	1-20

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
JP 04334222	A	20-11-1992	JP	2831154 B2	02-12-1998
US 5887023	A	23-03-1999	JP	2812318 B2	22-10-1998
			JP	9214404 A	15-08-1997

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